

Amendments to the Specification

Please insert the following Table prior to the paragraph beginning on page 6,
line 22 of the specification:

TABLE 1: Characteristics of PEG-uricases from Previous Studies

Source of Uricase	Coupling Linkage	Molecular Weight of PEG (kDa)	Percent of Lysines with PEG Attached	Residual Uricolytic Activity (%)	Antigenicity or Immunogenicity Comments	Reference
Not reported	Azide	0.7 (diol)	Not reported	Not reported	Not reported	U.S. Pat. No. 4,179,337
<i>Candida utilis</i>	Triazine (Cyanuric chloride)	5	% of "98": 20 26 43 48	31 21 15 5	Antigenicity with rabbit serum (% of that of the unmodified enzyme) 70% 6% 0 0	Nishimura, et al., 1979
<i>Candida utilis</i>	PEG ₂ triazine	2 x 5	22 25 36 46 50	87 70 45 31 27	86% 49% 0 0 0	Nishimura, et al., 1981
<i>Candida utilis</i>	Triazine	5	71	11	Five men tolerated two injections in 30 days.	Davis, et al., 1981
<i>Candida utilis</i>	Triazine according to Chen et al., 1981	5	49 61	Not reported Not reported	Similar immunogenicity in birds to native uricase Immunogenicity negative	Abuchowski, et al., 1981
Porcine liver	Triazine	5	37 47 58	60 45 28	Accelerated clearance in mice " Constant Clearance (half-life ca. 8 hours)	Chen, et al., 1981
<i>Candida utilis</i>	Triazine	5	57	23	Constant Clearance (half-life ca. 8 hours)	
<i>Candida utilis</i>	Triazine according to Chen, et al., 1981	5	35 70	Not reported Not reported	PEG decreased the immunogenicity in rabbits. "	Savoca, KV, et al., (1984) Int Arch Allergy Appl Immunol 75:58-67
<i>Candida utilis</i>	Triazine	5	Not reported	Not reported	PEG-uricase was given orally to chickens in liposomes (once).	Nishida, Y, et al., (1984) J Pharm Pharmacol 36:354-355
<i>Candida utilis</i>	Triazine	5 7.5 10	44 45 28 37 41 45	9.4 7.8 32 11 3 7.3	Immunogenicity was reduced, but positive in rabbits. (Antibodies are not to uricase; they cross react with PEG-superoxide dismutase.) Antigenicity tested with guinea pig antibodies was reduced.	Tsuji, et al., 1985
<i>Arthrobacter protoformiae</i>	Not reported	5	Not reported	Not reported	No antibodies were detected by ELISA 26 days after the first of four PEG-uricase injections.	Chua, et al., 1988
<i>Candida utilis</i>	PEG ₂ triazine	2 x 5	10 12 15 21 38	90 89 80 70 60	Not reported Not reported Not reported Not reported Antigenicity tested with rabbit serum was reduced by 75%.	Yasuda, et al., 1990
<i>Candida utilis</i>	PEG ₂ triazine	2 x 5	22	68	Single injection. PEG increased the half-life from ca. 1 h to ca. 8 h in mice. PEG blocked clearance by liver, spleen and kidney (24-h study duration).	Fujita, et al., 1991

Not reported	PEG PEG ₂ Linkage not stated	Not reported	Not reported Reported to be the same as for PEG	Not reported Not reported	Immunogenicity in mice was decreased by 98% (PEG) or 100% (PEG ₂).	Veronese, et al., 1997
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